

## TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT) SEEDING: FOR PERIDOS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS./1000 SQ FT). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOO. MULCHING: APPLY 1) TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ. FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ. FT) FOR

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

### PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 L85/1000 SQUARE FEET) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 POUNDS PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ. FT.) 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LINESTONE (92 LBS/1000 SQ. FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE

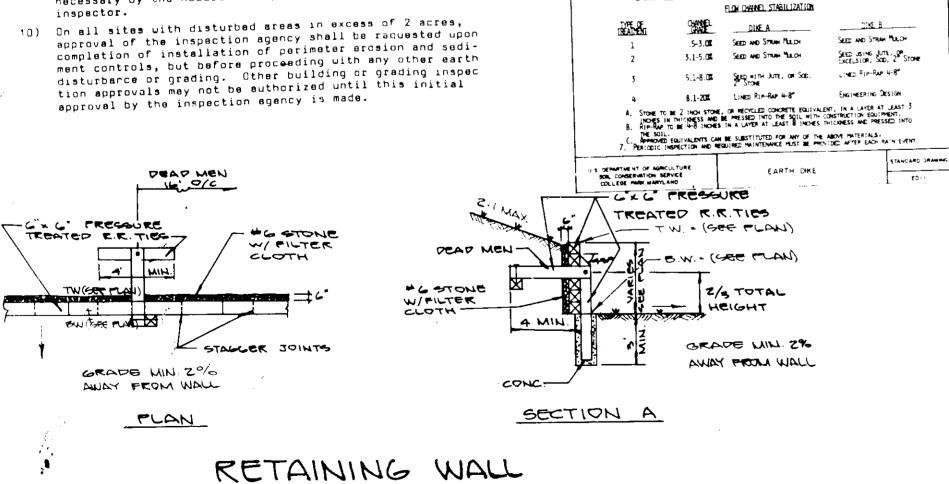
SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. ING - FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED SECONG - FOR THE PERIODS MARCH I THRU MERIE 50, HIS MARCH 31 TALL FESCUE. FOR THE WITH 60 LBS. PER ACRE (1.4 LBS/1000 SQ. FT) OF KENTUCKY 31 TALL FESCUE PER ACRE AN PERIOD MAY 1 THRU DULY 31, SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.05 LB5/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 2B, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOD OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE

CHING - APPLY 13 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) DF UNROTTED SMALL GRAIN MULCHING - APPLY 11 TO 2 TONS PEN ALME (70 TO 90 LESS 1505) STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ. FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT)

MAINTENANCE - INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND

## SEDIMENT CONTROL NOTES

- 1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- 2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) Following initial soil disturbance or redisturbance, pormanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project
- 4) All sediment traps/basins shown must be fanced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- 5) All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- 6) All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inapactor.
- 7) Site Analysis: OCCUPACION STANDER OF ACTION Total Area of Site 63,800 \$/1465 ACTOS Area Disturbed Area to be roofed or paved 2000 0700 Acres
  Area to be vegetatively stabilized 1508,865 8/3 647/6 7550 Cu. Yda. (영영 Cu. Yda. Total Cut Total Fill Offsite waste/borrow area location H/A
- Any sadiment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- 9) Additional sediment controls must be provided, if deemed necessary by the Howard County DPW sediment control



REVISIONS

NOT TO SCALE

NO.

Owner/Developer:

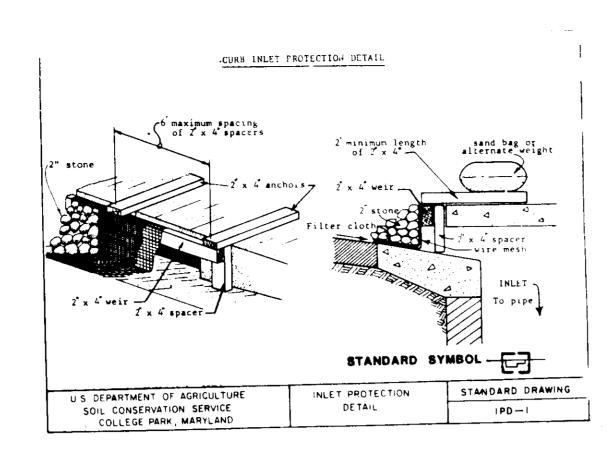
BILLDERS, INC.

30 1 7 10 C 0065

COME DUIPATED HOME

DUMBIA, MD 21045

-ORMAN PLAZA BLOG CONTE



## Construction Specifications

# Wooden frame is to be constructed of 2" x 4" construction grade

- B. Wire mesh must be of sufficient strength to support filter fabric,
- Filter cloth must be of a type approved for this purpose; resistant to sunlight with sieve size, EOS, 40-85, to allow sufficient passage of water and removal of sediment.
- 4. Stone is to be 2" in size and clean, since fines would clog the MAXIMUM PRAINAGE AREA = 050 ACRE (2 AC)

### B. Curb Inlet Protection.

ZI SLOPE OR FLATTER

CONSTRUCTION SPECIFICATIONS

ALL BE COMPACTED BY EARTH-MOVING EQUIPMENT.

LL HAVE POSITIVE DRAINAGE TO AN OUTLET.

BE WIDER AND SIDE SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE
MOTBLETION TRUFFIC.

ING BY CONSTRUCTION TRAFFIC.

LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUT EY.

LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUT EY.

DINES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION.

PLANOR

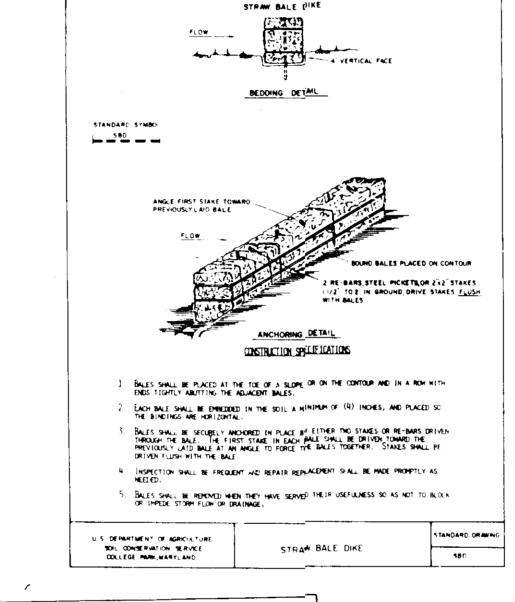
BE CONNEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SECTIVE!

WERE SITHER THE DIKE OWNNEL OR THE DRAINNGE AREA ABOVE THE DIKE ARE NOT
TELY STABILIZED.

ADEQUATELY STABILIZED. (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SLED AND STRAIN FALLO ON STRAIN FALLO FROM THE SHARE SLED ON STRAIN FALLO ON STRAIN FALLO.

CROSS SECTION

- Attach a continuous piece of wire mesh (30" min. width by throat length plus  $4^{\circ}$ ) to the  $2^{\circ}$  x  $4^{\circ}$  weir (measuring throat length plus 2') as shown on the standard drawing.
- 2. Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
- Securely nail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet face (max. 6' apart).
- Place the assembly against the inlet throat and nail (minimum 2' lengths of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
- 5. The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.
- 6. Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place clean 2" stone over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under around the filter cloth.
- This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
- Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.



STABILIZED CONSTRUCTION ENTRANCE

PAVEMENT

- MOUNTABLE BERN

nor to scale

PROFILE

PLAN VIEW

CONSTRUCTION SPECIFICATIONS

dence lot where a 10 foot minimum length would apply).

a mountable berm with 5:1 slopes will be permitted.

Thickness - Not less than six (6) inches

points where ingress or egress occurs.

be removed immediately.

Stone Size - Use 2° stone, or reclaimed of recycled concrete equivalent.

Width - Ten (10) foot minimum, but not less than the full width at

Filter will not be required on a single family residence lot.

14 03 4

and the time of the administration of the state of the st

Length - As required, but not less than 50 feet (except on a single resi-

Filter Cloth - Will be placed over the entire area prior to placing of atoms

Surface Water - All surface water flowing or diverted toward construction

entrances shall be piped across the entrance. If piping is impractical,

Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of mediment dato public rights-of-way. This may

and repair and/or cleanout of any measures used to trap sediment. All mediment spilled, dropped, washed or tracked onto public rights-of- way must

require periodic top dressing with additional stone as conditions demand

Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area

stabilized with stone and which drains into an approved sediment trapping

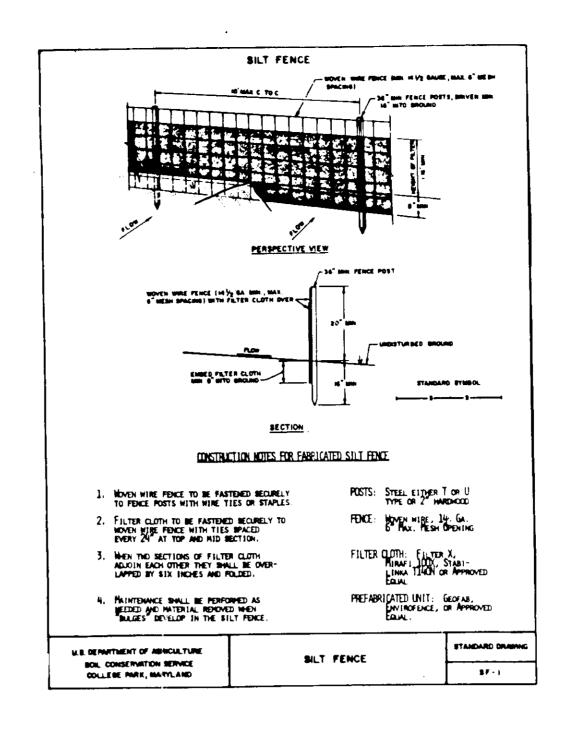
Periodic inspection and needed maintenance shall be provided after each rain.

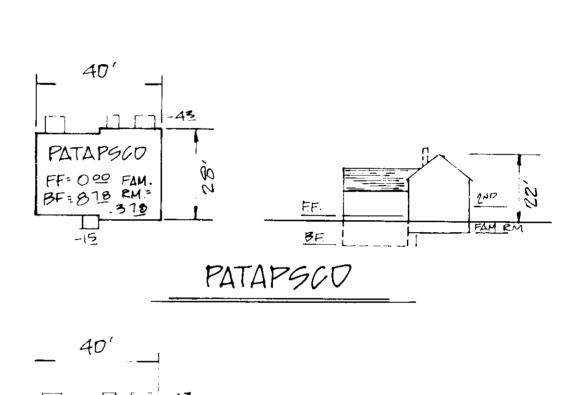
ENTRANCE

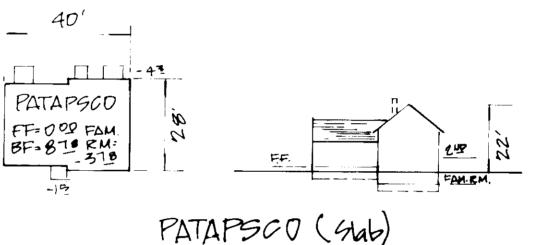
STABILIZED CONSTRUCTION Standard

STANDARO SYMBOL

Existing ground









RAE BALTIMORE IN 1865 HERCLESHE HC MAN

VARIES 141-0" MIN., 241-0" MAX.

VARIES 101-0" MID., EO'-0" MAX.

FRONT STOEWALK ELEVATOR

CURP BELOW GUTTER LINE

6"x6" w2.9xw2.9 - WIREMESH OR #3

REINE BARS 12" O.C

THE CONC., 1/2" PREFORMED

PROVIDED AT THE /WITH

PREFORMED BITUMINOUS EXF. JOINT FILLER TO B

4 1/-U" NOR. SDWLK

EXPANSION JOINT FILLER

RESIDENTIAL DRIVENAY ENTRANCE

CLOSED SECTION WITH HODIFIED DOME INATION

CLINE AND SHITTER AND SIDEMALK

Following initial soil disturbance or redisturbance, per-

NOTE: The contractor or developer shall contact the Construction

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION

WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY

RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION

PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A

DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING

PROCRAM FOR THE CONTROL OF SEDIMENT AND EROSION

Inspection/Survey Division 24 hours in advance of commence-

manent or temporary stabilization shall be completed within:

structures, dikes, swales, ditches, perimeter slopes and all

slopes greater than 3:1, 2) Fourteen (14) days as to all

other disturbed or graded areas on the project site.

ment of work at 792-7272.

BEFORE CINNING THE PROJECT."

DEVELOPER'S LERTIFICATE

1) Seven (7) calendar days for all perimeter sediment control



LOTS 33-41 & LOTS 56-62

IST ELECTION DISTRICT

CANBURY WOODS

HOWARD COUNTY MARYLAND

HOWARD COUNTY, MARYLAND

Approve 2 Colombia Page 1-18-41

Chief-Bur of Lauf.

DEPARTMENT OF PUBLIC WORKS

ENGINEER'S CERTIFICATE I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDI-TIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT." Wels Schment

REVIEWED FOR HOWARD AND MEETS TECHNICAL REQUIREMENTS

THIS DEVELOPMENT PLAN IS APPROVED FOR 'OIL EROSION AND SEDIMENT MONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT

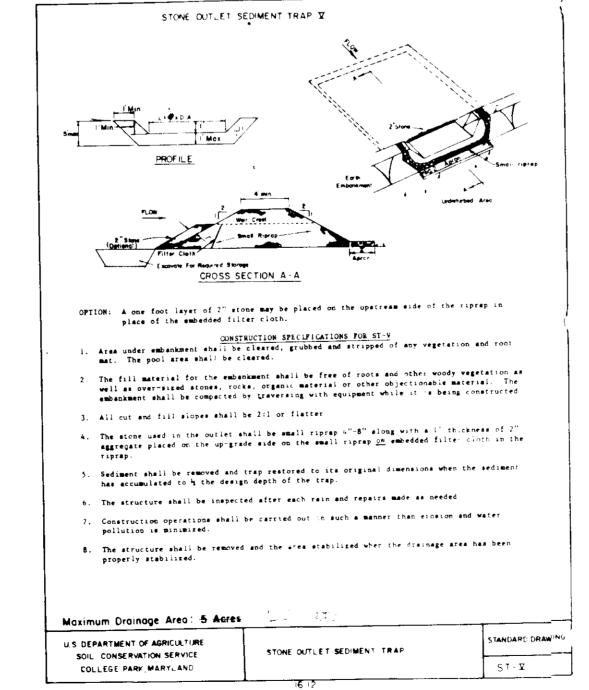
4-15-57 DATE OF PLANNING & ZONING ZONING ADMINISTRATION

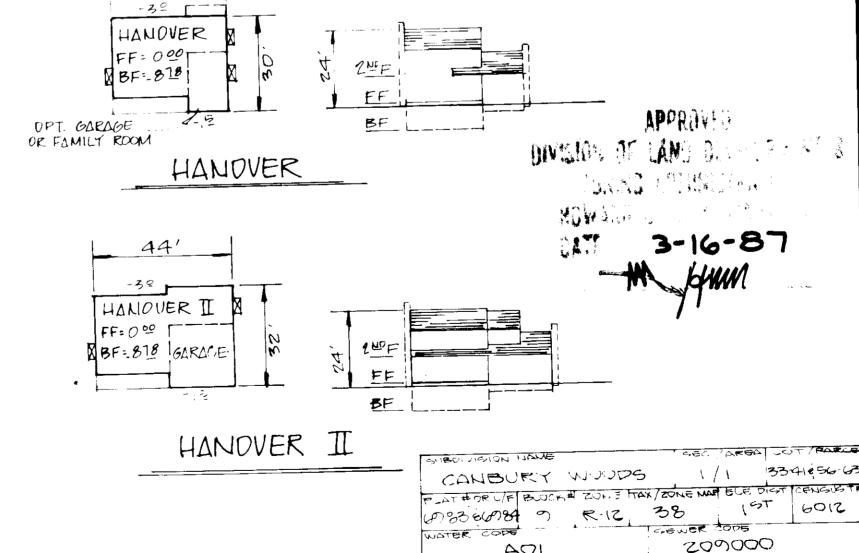
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWAGE,

STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS 4-9-97 DATE 4.9.81 DATE

DETAILS & SPECIFICATIONS

Sheet NOV BE DRAWN CHECKED BILL SCALE





SDP Nº 87-126

GROUP, INC.